

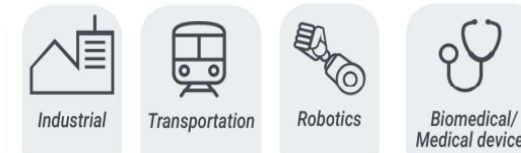
General-purpose miniature carrier board based on MicroGEA STM32MP1 & MicroGEA MX6ULL modules. MicroDev provides a wide variety of connectivity interfaces like 3G, WiFi, BT, Ethernet, USB, and serial ports.



SUPPORTED SOMS

- MicroGEA MX6ULL
- MicroGEA STM32MP15
- MicroGEA STM32MP13

APPLICATIONS



FEATURES



	VIDEO INTERFACES	• 1 x 24-bit single channel LVDS • 1 x PWM for backlight control and power supply for LCD
	NETWORKING	• 1x 10/100 Ethernet Interfaces • WiFi+ BT (optional) • UMTS 3G with sim connector
	USB	1 x USB Type A
	EQUIPMENT	Plastic box enclosure (optional)
	OPERATING SYSTEM	Linux Yocto

	PERIPHERAL INTERFACES	• 1x microSD • 1x RS485 • 2x RS232 (1x RS232 for OS Console) • Auxiliary connector: • I2C • CAN • USB • UART • GPIOs
	POWER SUPPLY	+ 7 - 40 VDC
	OPERATING TEMPERATURE *	Industrial qualified
	DIMENSIONS	80 x 50 mm

** Valid for all components except CPU. Customer shall consider junction temperature for CPU. Temperature will widely depend on application. Specific cooling solutions could be necessary for the final system.

CABLE MAP

